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(54) **Method for resolution conversion of print data for a printer**

(57) A method and apparatus is described for controlling the contrast, pitch grating of a composite light intensity profile and phase shifting of a spatial location at which the composite light intensity profile crosses a xerographic threshold in a two dimensional high addressability printer operating in an overscan mode. The contrast, pitch grating and phase shifting are dependent on at least one of a predetermined amount of overlap, an exposure profile and an intensity value of each of the plurality of laser beam spots (100,102,104,106,108) formed on the photosensitive medium of a two dimensional high addressability printer.

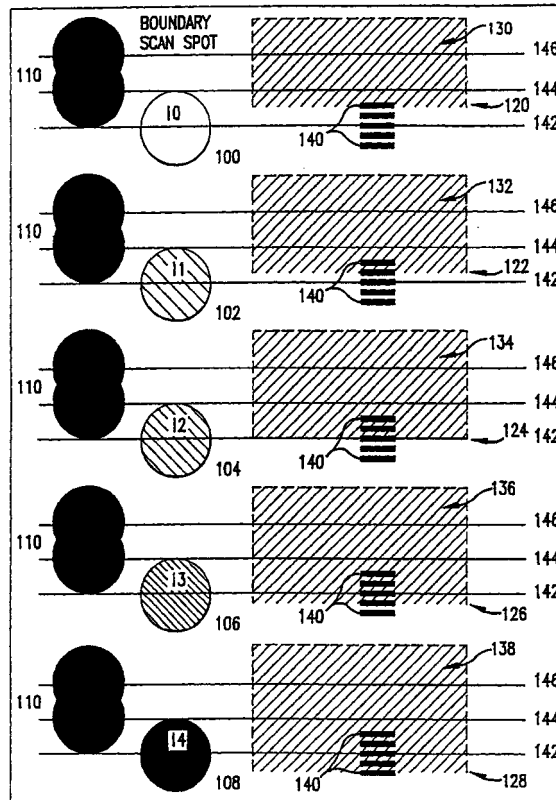


FIG.10



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 11 9941

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 4 775 896 A (HANDA HIDEYUKI ET AL) 4 October 1988 (1988-10-04) * abstract * * column 3, line 43 - column 11, line 25 * * claims 1-4 *	1-3	G06K15/12
A	----- PATENT ABSTRACTS OF JAPAN vol. 007, no. 269 (M-259), 30 November 1983 (1983-11-30) & JP 58 148773 A (FUJITSU KK; others: 01), 3 September 1983 (1983-09-03) * abstract * -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G06K B41J
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 20 January 2005	Examiner Jacobs, P
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 11 9941

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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20-01-2005

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4775896	A	04-10-1988	JP 1722255 C	24-12-1992
			JP 4011157 B	27-02-1992
			JP 62035766 A	16-02-1987
			JP 1787843 C	10-09-1993
			JP 4004792 B	29-01-1992
			JP 62035765 A	16-02-1987

JP 58148773	A	03-09-1983	NONE	
